

**UNITED STATES DISTRICT COURT
NORTHERN DISTRICT OF CALIFORNIA
SAN FRANCISCO DIVISION**

Advanced Micro Devices, Inc., et al.,

Case Number: 3:14-cv-01012-SI

Plaintiff(s),

vs.

LG Electronics, Inc., et al.,

Defendant(s).

STIPULATION & ~~[PROPOSED]~~ ORDER RE: DISCOVERY OF ELECTRONICALLY STORED INFORMATION FOR PATENT LITIGATION

Upon the stipulation of the parties, the Court ORDERS as follows:

1. This Order supplements all other discovery rules and orders. It streamlines Electronically Stored Information (“ESI”) production to promote a “just, speedy, and inexpensive determination of this action,” as required by Federal Rule of Civil Procedure 1.

2. This Order may be modified in the Court's discretion or by stipulation. The parties shall jointly submit any proposed modifications within 30 days after the Case Management Conference.

3. As in all cases, costs may be shifted for disproportionate ESI production requests pursuant to Federal Rule of Civil Procedure 26. Likewise, a party's nonresponsive or dilatory discovery tactics are cost-shifting considerations.

4. A party's meaningful compliance with this Order and efforts to promote efficiency and reduce costs will be considered in cost-shifting determinations.

5. The parties are expected to comply with the District’s E-Discovery Guidelines (“Guidelines”) and are encouraged to employ the District’s Model Stipulated Order Re: the Discovery of Electronically Stored Information and Checklist for Rule 26(f) Meet and Confer regarding Electronically Stored Information.

6. General ESI production requests under Federal Rules of Civil Procedure 34 and 45

1 shall not include email or other forms of electronic correspondence (collectively “email”). To
2 obtain email parties must propound specific email production requests.

3 7. Email production requests shall only be propounded for specific issues, rather than
4 general discovery of a product or business.

5 8. Email production requests shall be phased to occur after the parties have exchanged
6 initial disclosures and basic documentation about the patents, the prior art, the accused
7 instrumentalities, and the relevant finances. While this provision does not require the production
8 of such information, the Court encourages prompt and early production of this information to
9 promote efficient and economical streamlining of the case.

10 9. Email production requests shall identify the custodian, search terms, and time frame.
11 The parties shall cooperate to identify the proper custodians, proper search terms and proper
12 timeframe as set forth in the Guidelines.

13 10. Each requesting party shall limit its email production requests to a total of five
14 custodians per producing party for all such requests. The parties may jointly agree to modify this
15 limit without the Court’s leave. The Court shall consider contested requests for additional
16 custodians, upon showing a distinct need based on the size, complexity, and issues of this
17 specific case. Cost-shifting may be considered as part of any such request.

18 11. Each requesting party shall limit its email production requests to a total of five search
19 terms per custodian per party. The parties may jointly agree to modify this limit without the
20 Court’s leave. The Court shall consider contested requests for additional search terms per
21 custodian, upon showing a distinct need based on the size, complexity, and issues of this specific
22 case. The Court encourages the parties to confer on a process to test the efficacy of the search
23 terms. The search terms shall be narrowly tailored to particular issues. Indiscriminate terms, such
24 as the producing company’s name or its product name, are inappropriate unless combined with
25 narrowing search criteria that sufficiently reduce the risk of overproduction. A conjunctive
26 combination of multiple words or phrases (*e.g.*, “computer” and “system”) narrows the search
27 and shall count as a single search term. A disjunctive combination of multiple words or phrases
28 (*e.g.*, “computer” or “system”) broadens the search, and thus each word or phrase shall count as a

1 separate search term unless they are variants of the same word. Use of narrowing search criteria
 2 (e.g., “and,” “but not,” “w/x”) is encouraged to limit the production and shall be considered
 3 when determining whether to shift costs for disproportionate discovery. Should a party serve
 4 email production requests with search terms beyond the limits agreed to by the parties or granted
 5 by the Court pursuant to this paragraph, this shall be considered in determining whether any
 6 party shall bear all reasonable costs caused by such additional discovery.

7 12. Nothing in this Order prevents the parties from agreeing to use technology assisted
 8 review and other techniques insofar as their use improves the efficacy of discovery. Such topics
 9 should be discussed pursuant to the District’s E-Discovery Guidelines.

10 13. *ESI Production.* Electronic data should be provided in the following format:

11 A. *TIFFs.* Single-page 300 dpi CCITT Group IV black and white TIFFs
 12 should be provided (unless the ESI contains color, as discussed below),
 13 with page break information in load file identifying document start and
 14 end.

15 Conversion of Word documents: When Word documents are converted to
 16 TIFFs, the version that will be converted is as it was last saved by the
 17 custodian. This means that if it was last saved with track changes turned
 18 on that the images and metadata will reflect the track changes.

19 Conversion of PowerPoint documents: When PowerPoint documents are
 20 converted to TIFFs, the version that will be converted will show the
 21 speaker notes, to the extent they exist.

22 B. *Color.* ESI containing color will be provided in JPG format.

23 C. *Database Load Files/Cross-Reference Files.* Documents should be
 24 provided with (1) a Concordance delimited file and (2) an Opticon
 25 delimited file.

26 The objective coding and/or electronic file metadata should be provided in
 27 the following format:

28 1. Fields should be delimited by the default Concordance field

1 delimiter for ANSI character 20 ().

2 2. String values within the fields should be enclosed with a
3 text delimiter (p).

4 3. The first line should contain objective coding and/or
5 electronic field metadata headers, and below the first line,
6 there should be exactly one line for each document.

7 4. Each row of objective coding and/or electronic file
8 metadata must contain the same number of fields as the
9 header row.

10 5. Multi-values should be separated by a semicolon.

11 D. *Text files.* For each document, a document-level text file should be
12 provided in addition to the TIFFs. The text of native files should be
13 extracted directly from the native file, and each text file will be named
14 using its corresponding image files (*e.g.*, ABC0000001.TXT). Documents
15 for which text cannot be extracted will be produced with OCR.

16 E. *Redactions.* With respect to documents containing redacted text, no text
17 will be provided for the redacted portion. OCR will be provided for the
18 unredacted portions of the documents.

19 F. *Unique IDs.* Each image should have a unique file name which will be the
20 Bates number of that page. The Bates number must appear on the face of
21 the image in the lower right corner (*e.g.*, ABC0000001.TIF).

22 G. *Unique Documents.* Parties agree to de-duplicate, using a verifiable
23 process, documents within custodian. While a single document could be
24 produced several times in the production, the document will only be
25 produced one time for a single custodian.

26 H. *Metadata.* Because the majority of metadata is unusable and of little value,
27 and the time required to review metadata makes its production cost-
28 prohibitive, the parties will not produce metadata absent a showing of the

1 need for and relevance of such data with regard to specific documents.

2 I. *Native Format.* The parties have agreed that the following documents will
 3 be produced in native format: Excel files, Access Files, Microsoft Project
 4 Files, Source Code, CAD files, GDS files, and GDSII files. The parties
 5 reserve their rights to seek additional electronic documents, including
 6 PowerPoint presentations, in their native format. Native files will be
 7 produced with a placeholder TIFF image. Each TIFF placeholder will
 8 contain the endorsed Bates number, endorsed confidentiality designation,
 9 and the name of the native file.

10 J. *Databases.* Certain types of databases kept in the normal course of
 11 business contain information that allows for analysis and computation and
 12 as such the data will be produced in an electronic format. Data from these
 13 types of databases will be produced in database or delimited text file
 14 format, as reasonably available. The parties agree to identify the specific
 15 databases, by name and platform or engine (*e.g.*, Oracle, SQL), that may
 16 contain responsive information.

17 K. *Non-convertible Files.*

18 1. Certain types of files such as system, program, video, and sound
 19 files may not be amenable to conversion into anything meaningful
 20 in TIFF format. Responsive, non-convertible files will be produced
 21 in the form of a placeholder TIFF image. Some examples of file
 22 types that may not convert include file types with the following
 23 extensions: *.ai *.aif *.bin *.brd *.cab *.cfg *.chi *.chm *.com
 24 *.dll *.dsn *.eps *.exe *.exp *.hlp *.hqx *.idb *.ilk *.iso *.ivi *.ivt
 25 *.ix *.lib *.mpeg *.mpg *.mov *.mp3 *.mpe *.msi *.nls *.obj
 26 *.ocx *.opj *.opt *.pdb *.pch *.psd *.psp *.ptf *.ram *.res *.rm
 27 *.rmi *.step *.sys *.swf *.snd *.tag *.tlh *.tmp *.trg *.ttf *.vbx
 28 *.wav *.wmv *.wma*.wpg *.xfd.

2. Other files may not be able to be converted to TIFF due to password protection or corruption (for example). If reasonable efforts to obtain useful TIFF images of these files are unsuccessful, these non-convertible files will also be accounted for with a TIFF placeholder.

3. Nothing herein is intended to include productions of data produced from databases.

4. Non-convertible files will be produced natively and with a placeholder TIFF image. Each TIFF placeholder will contain the endorsed Bates number, endorsed confidentiality designation, and the name of the non-convertible file, including the file extension.

L. *Gaps*. Productions should contain sequential Bates numbers with no gaps. There should be no gaps in Bates numbers between productions. A unique production volume number will be used for each production. If any unavoidable gaps occur, the parties agree to provide advance notice of those gaps within productions and/or between productions.

M. *Parent-child Relationships*. Parent-child relationships (the association between an attachment and its parent document) must be preserved.

14. *Production Media and Labels*. Documents will be produced on CD-ROM or DVD or on portable hard drives. The parties agree to attach a label to each piece of media containing production data. The label will provide the following information:

Case name

Case number

Production date

Volume number

Bates range

Confidentiality designation (if applicable)

15. *Inadvertent Production of Documents*. Inadvertent production of any document

1 produced in response to discovery requests in this action by any party or non-party, that a party
2 or non-party later claims should have been withheld on grounds of a privilege, including the
3 work-product doctrine, will not be deemed to waive any privilege or work-product protection.
4

5 **IT IS SO STIPULATED**, through Counsel of Record.

6 Dated: July 11, 2014

7 /s/ William H. Manning
8

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1 Dated: July 11, 2014

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25 Attorneys for Defendants LG Electronics, Inc., LG
26 Electronics U.S.A., Inc., and LG Electronics
27 Mobilecomm U.S.A., Inc.

28 *Plaintiffs' counsel attests that concurrence in the filing of
this document has been obtained from the above-named
signatory.*

IT IS ORDERED that the forgoing Agreement is approved.

Dated:



THE HONORABLE SUSAN ILLSTON
UNITED STATES DISTRICT JUDGE